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I hereby certify that this paper or fee is being deposited with the United States Postal Service
"Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and
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Docket No.: P2001,0328


MICHAEL BURNS

Date: November 10, 2003

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Enclosed herewith are the necessary papers for filing the following application for
Letters Patent:

Applicant : BART BALM ET AL.

Title : PHASE LOCKED LOOP

1 sheet of drawings.

The payment in the amount of \$770.00 covering the filing fee.

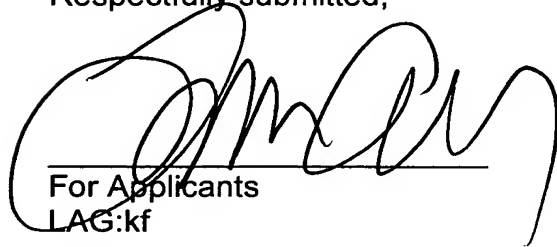
PCT Cover Sheet WO 02/091580 A2

Information Disclosure Statement and 5 References.

This application is being filed without a signed oath or declaration under the
provisions of 37 CFR 1.53(f). Applicants await notification of the date by which the
oath or declaration and the surcharge are due, pursuant to this rule.

The Patent and Trademark Office is hereby given authority to charge Deposit Account No. 12-1099 of Lerner and Greenberg, P.A. for any fees due or deficiencies of payments made for any purpose during the pendency of the above-identified application.

Respectfully submitted,



For Applicants
LAG:kf

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